

Fig. 1

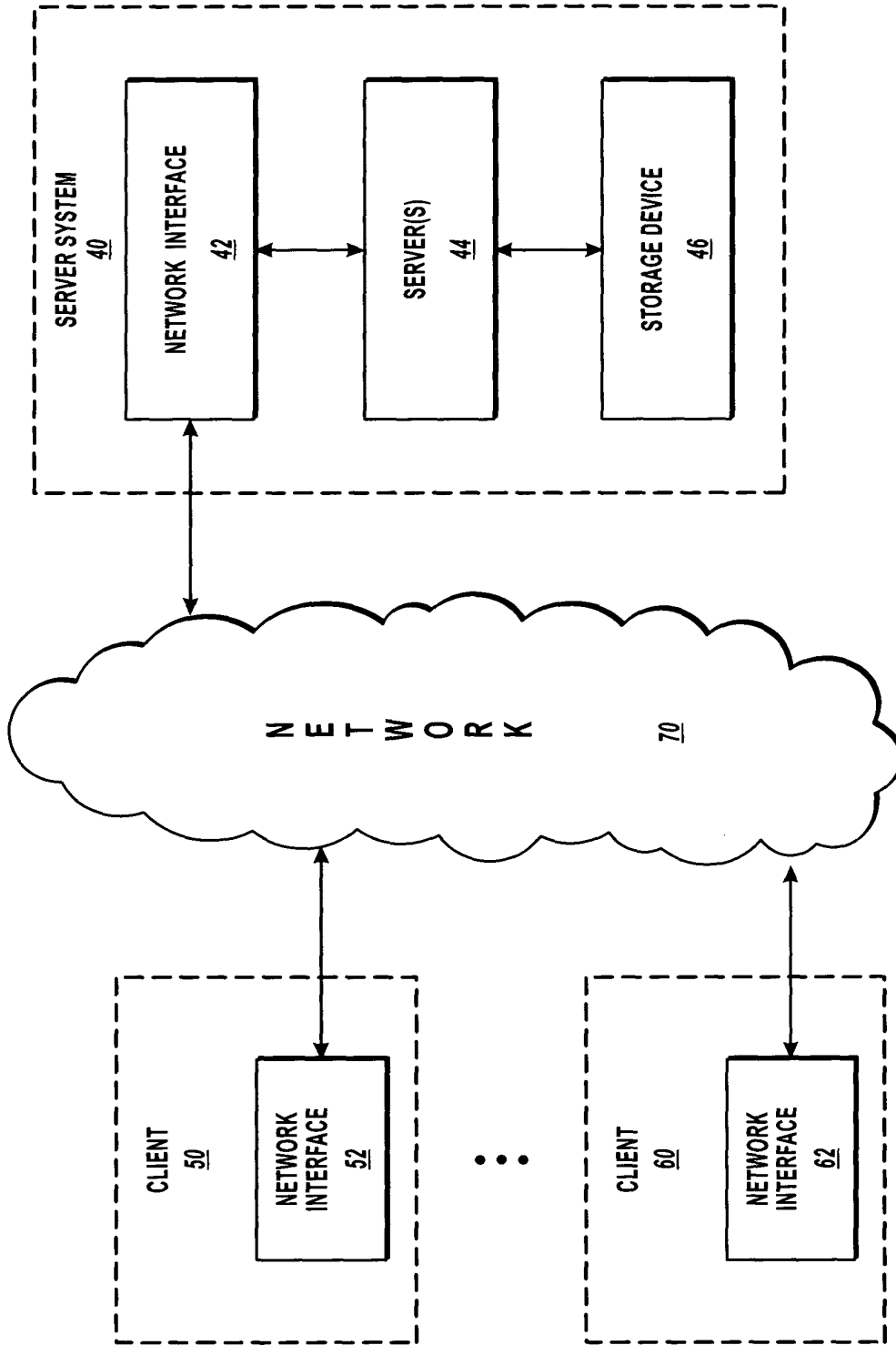


Fig. 2

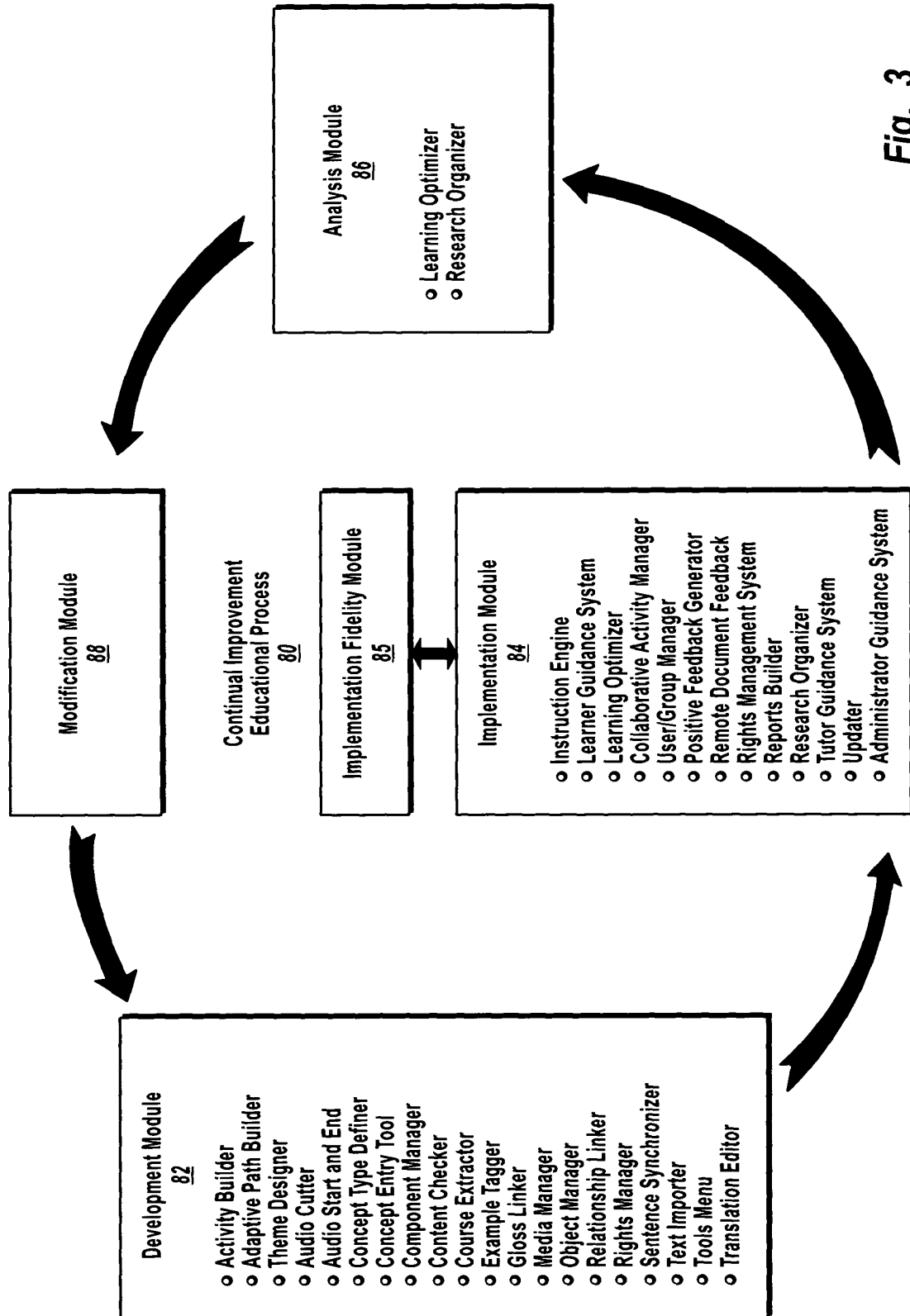


Fig. 3

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

4 / 46

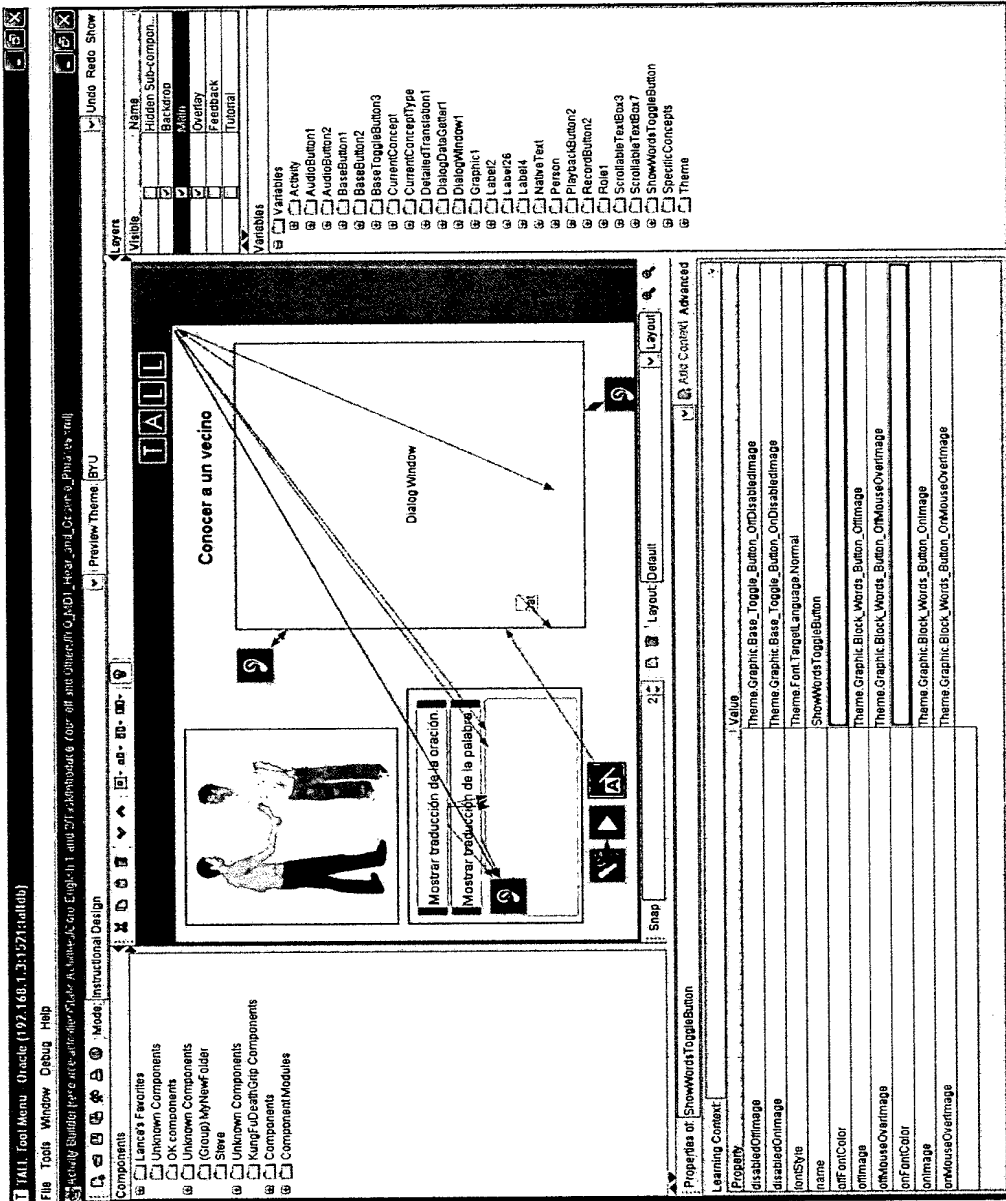


Fig. 4

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

5 / 46

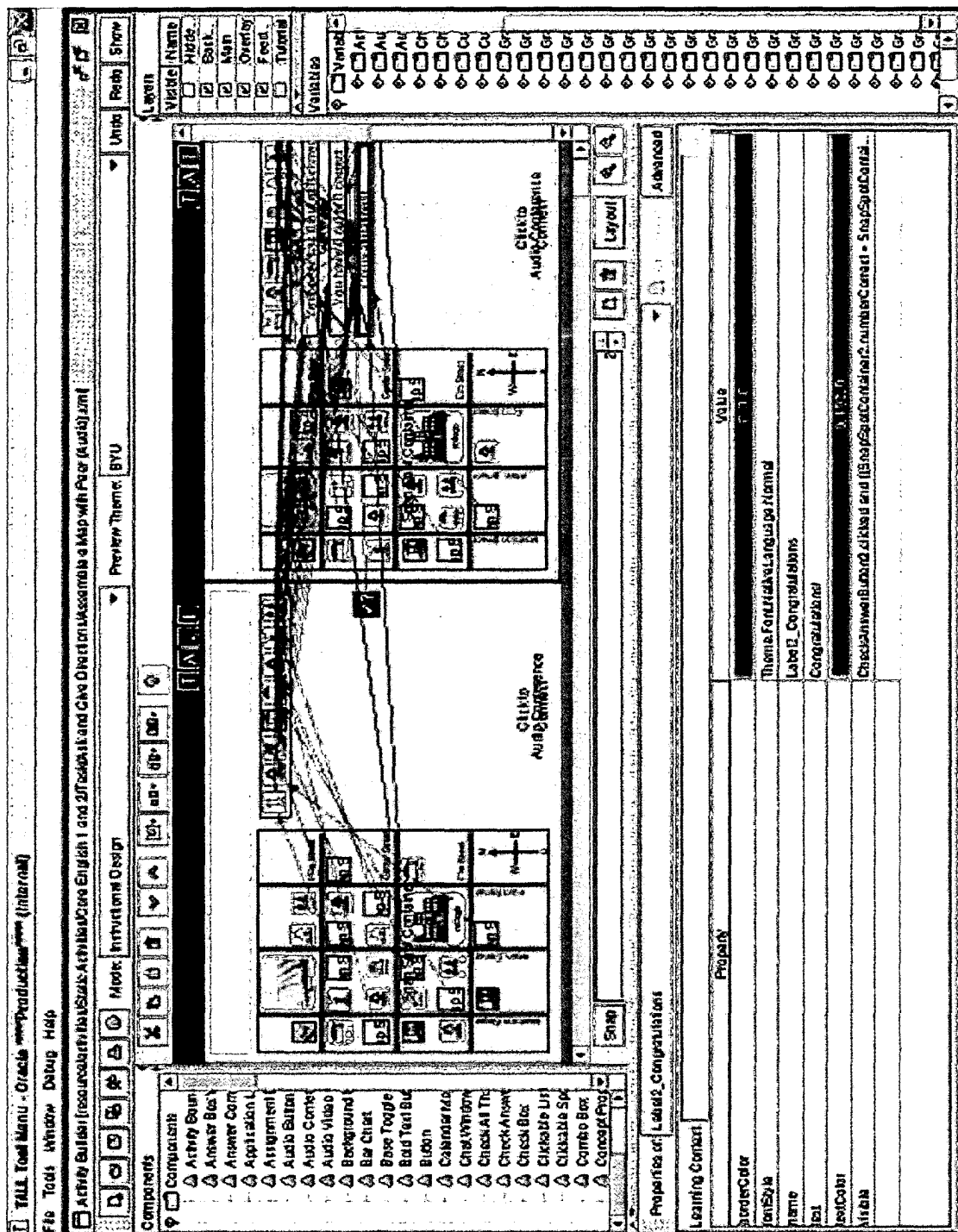


Fig. 5

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

6 / 46

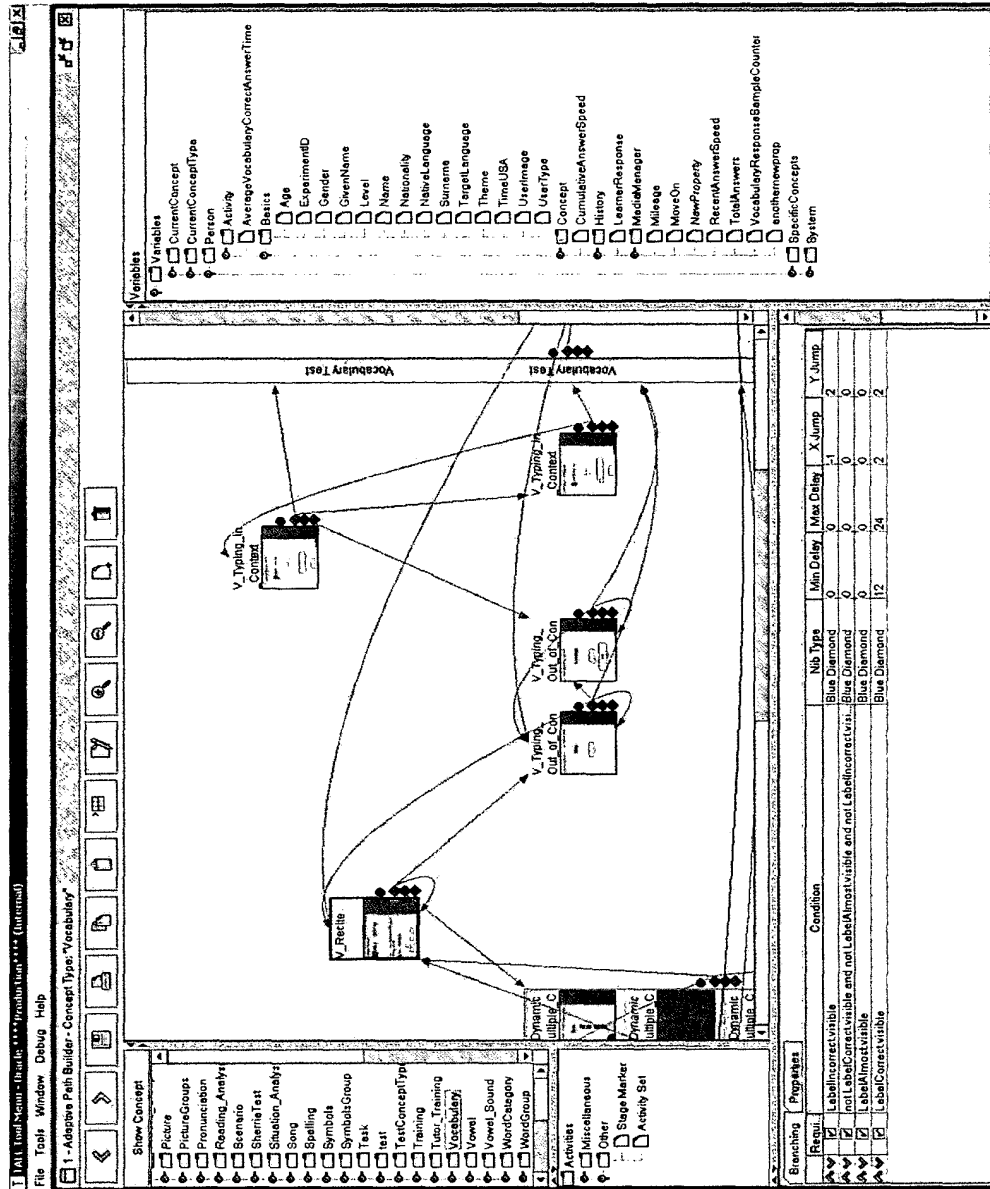


Fig. 6

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

7 / 46

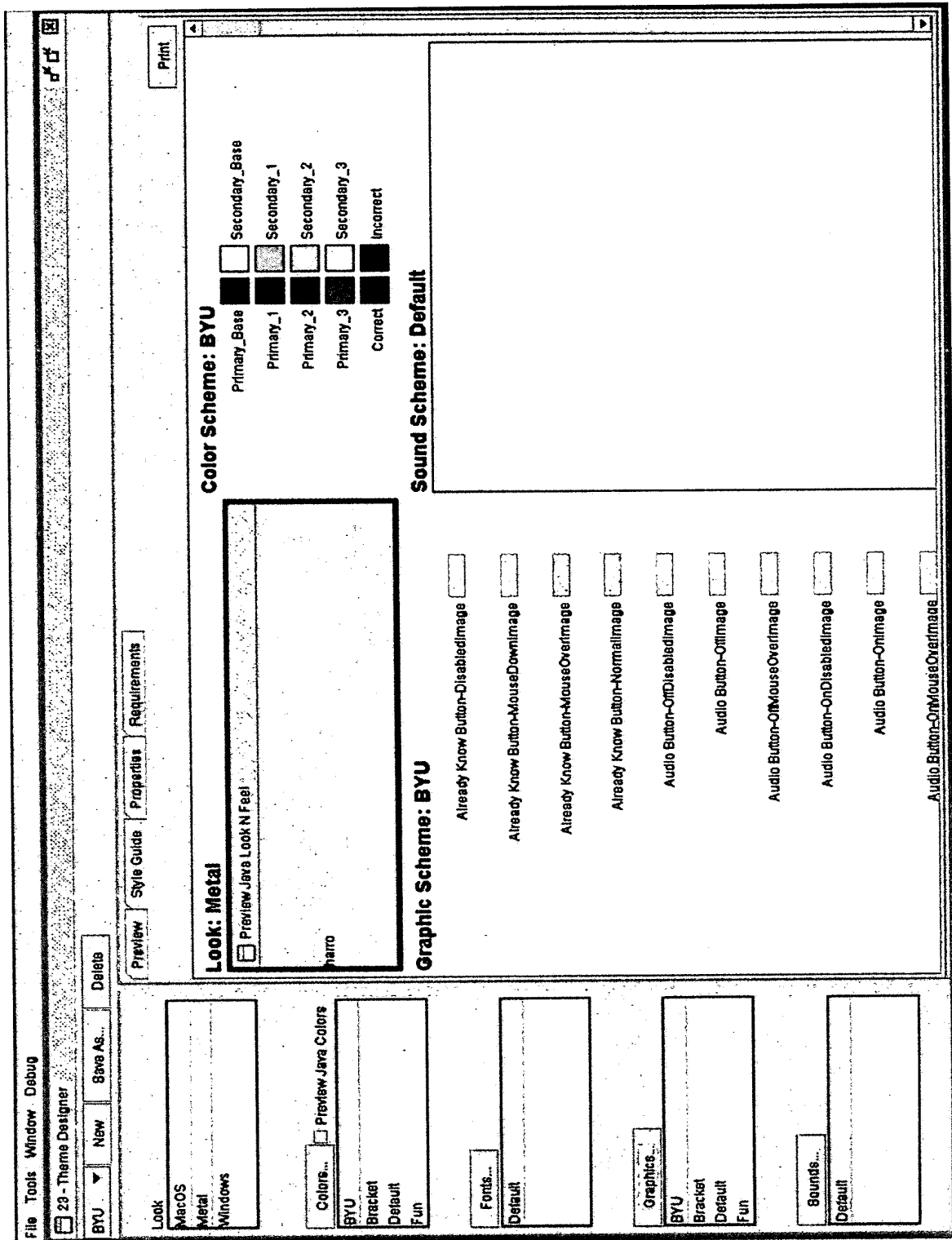


Fig. 7

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

8 / 46

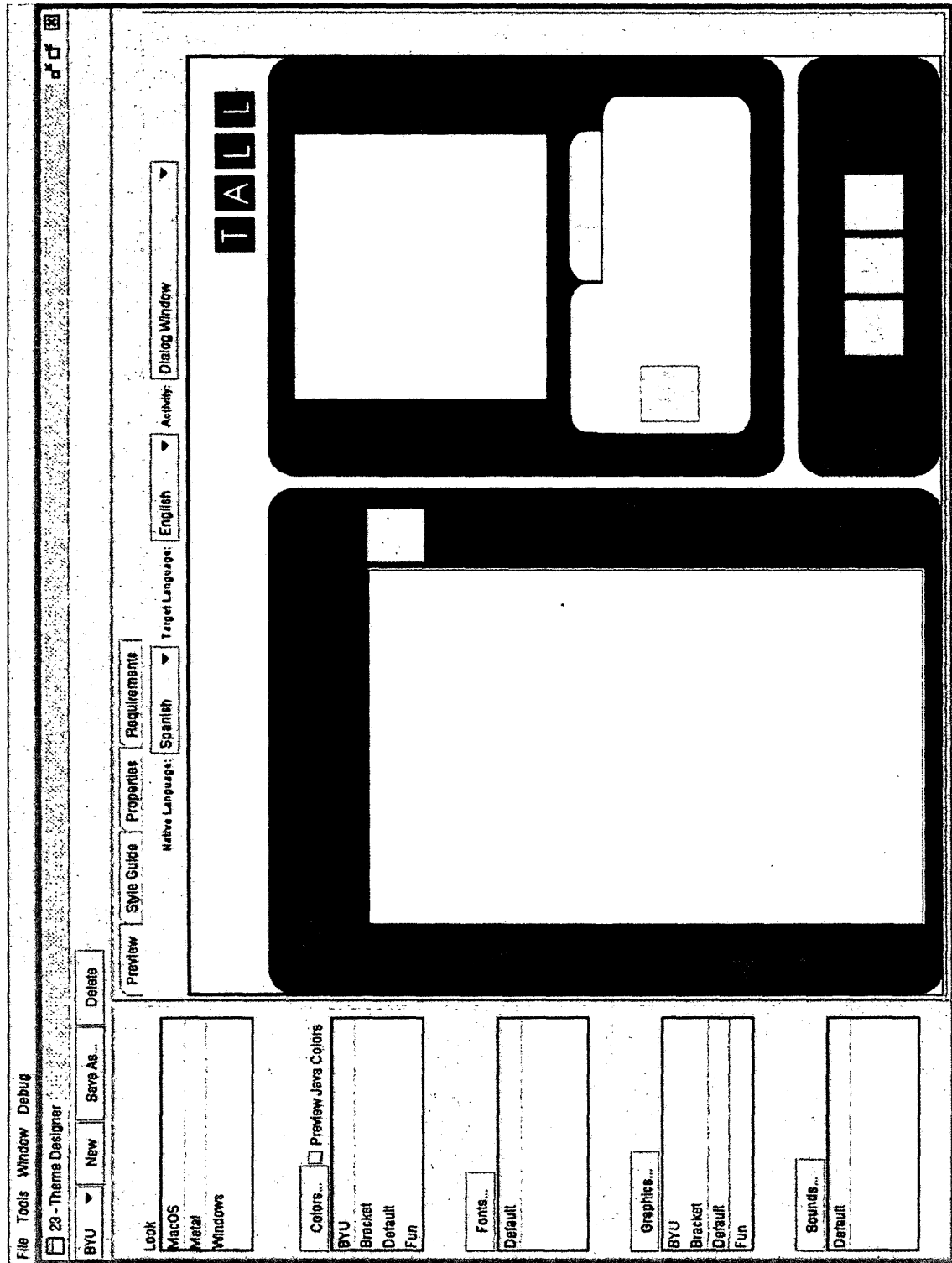


Fig. 8

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

9 / 46

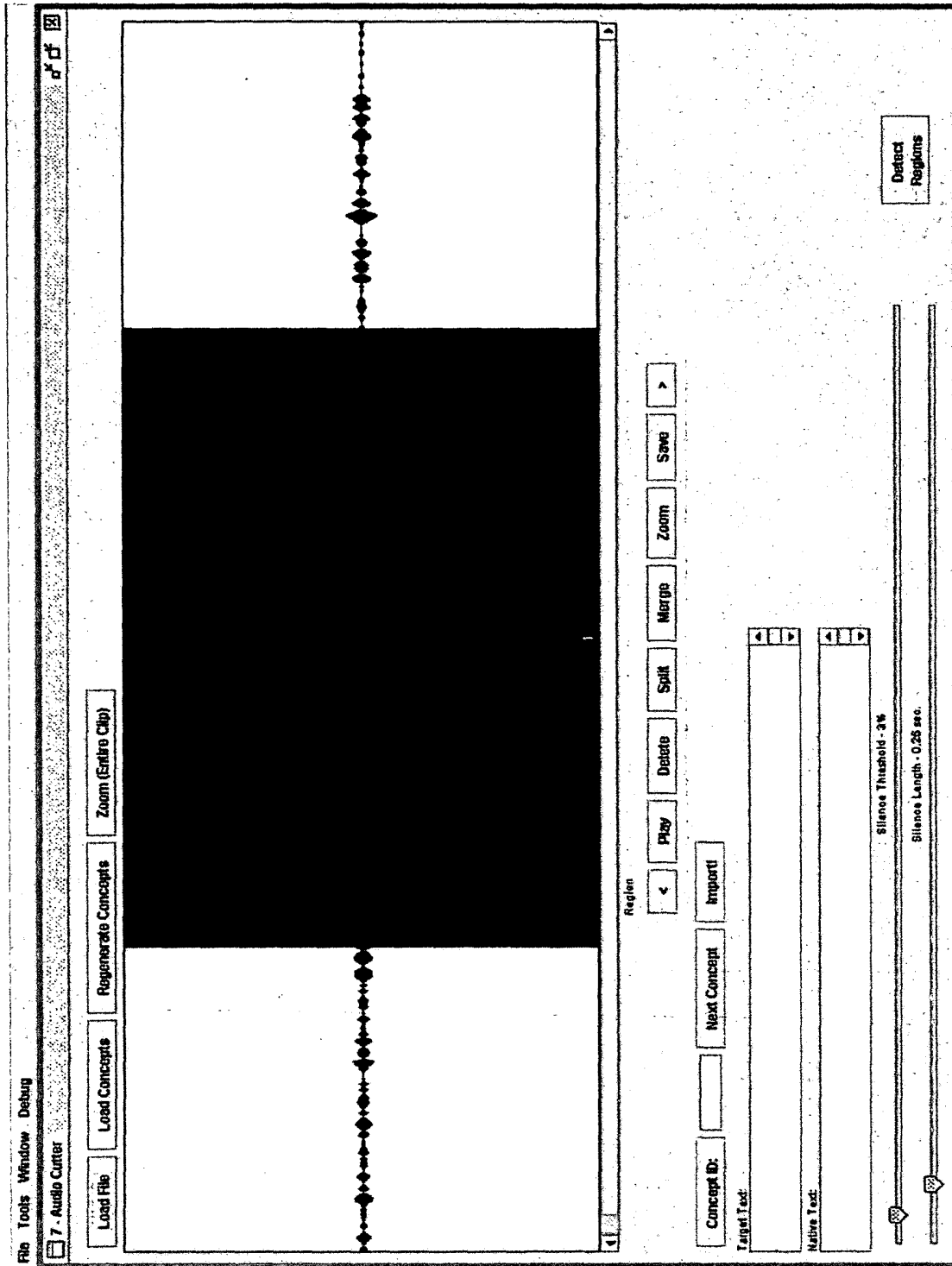


Fig. 9

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

10/46

File Tools Window Debug

13 - Concept Type Outliner

Concept Type

Chant

Character

Course

Dialog

Domain

ExperimentConcept

Filler

Grammar

Group

LetterRecognition

ListeningTest

MiniDialog

Pattern

Phrase

Phrase_Group

Picture

Pronunciation

Scenario

Song

Sounds

Task

test

TrainingModules

Vocabulary

WordGroup

Available Relationships

Whole:Part

Available Properties

Audio

AVFieldID

Concept.ExperimentalDelayBetweenReviews

Concept.PercentCorrect

Concept.TimesCorrect

Concept.TotalNumberOfActivitiesDone

Concept.TotalTimeReviewed

GlossINFO

Graphic

Name

Translation

Usage

Property Values

Property	Value
AutoLinkWholePart	
Concepts/visible1stPane	
Concepts/visible2ndPane	
Concepts/visible3rdPane	
DialogType	
Visible1stPane	
Visible2ndPane	
Visible3rdPane	

Concept Type Properties

Add Edit Remove

Data Type: String

Default Value: ...

Restrict Values by:

☐ range

☐ possible value list

☒ none

☒ required

Fig. 10

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

11 / 46

File Tools Window Debug

3 - Concept Entry Tool - Blue Phase

Property	Value
AVField	
Audio	##25450
Graphic	image:grandmother
Name	grandmother
Translation	grandmother
Translation Help	CN

grand
grandchild
grandchildren
grandaughter
grandfather
grandfather clause
grandmother
grandpa
grandparents
grandson
Grand Avenue
grand jury
grant
grant
granted
grapefruit
grapes
Grapes of Wrath
grape juice
grass
grateful
gratitude
grove
gray
great
great-aunt
greater
greatest
grealy
Greatback Truckinn

Show Concept Types

Add New Concept	Remove Concept	Refresh Tree

Relationship Linker

Fig. 11

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

12 / 46

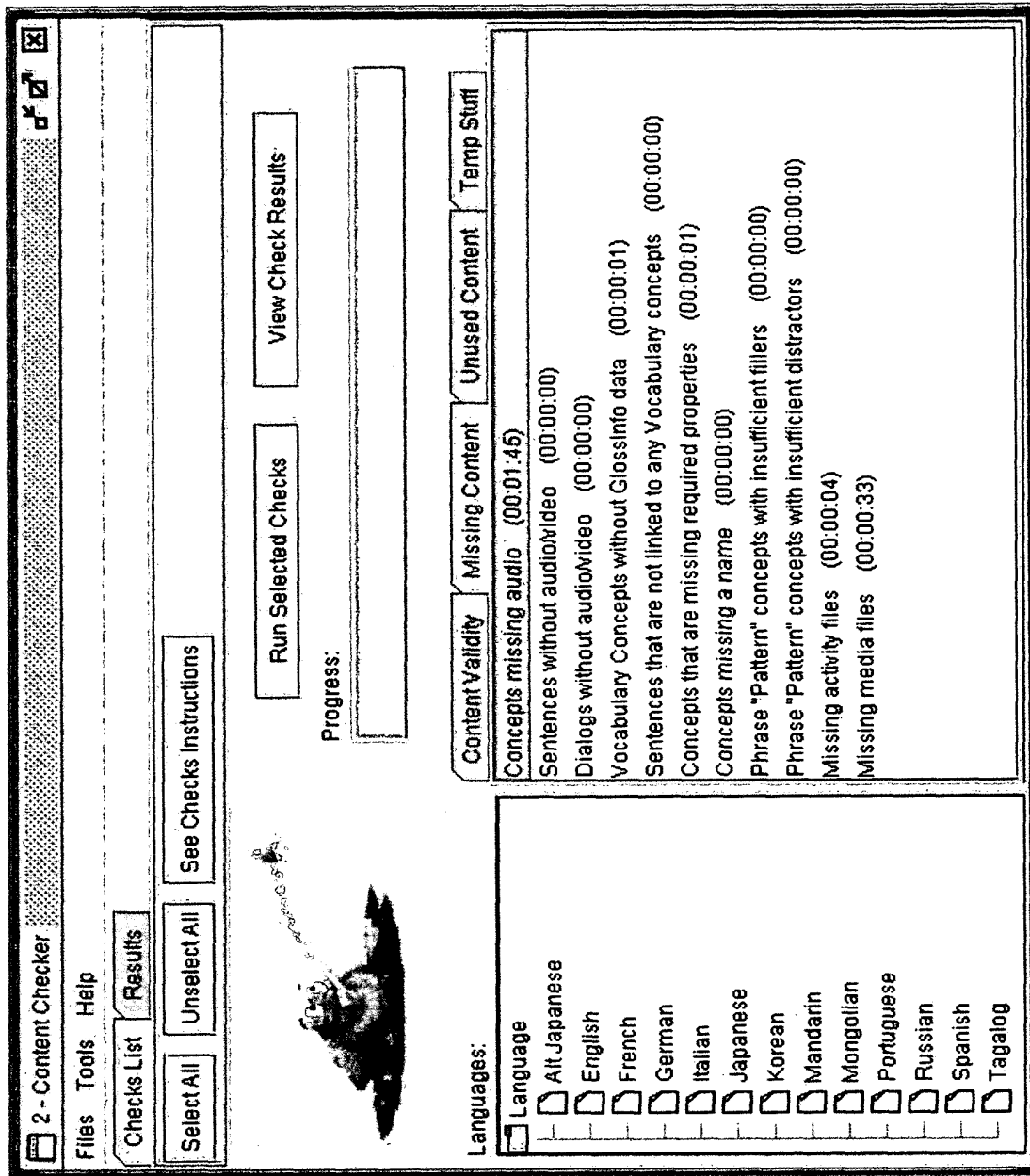


Fig. 12

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

13 / 46

2 - Content Checker

Files Tools Help

Checks List Results

Concepts missing audio (667)

Check Results: (Run Date and Run Time: 7/23/2003 - 00:01:46)

CONCEPTID	CONCEPTNAME	CONCEPTTYPE	PROPERTYTEXTID	PROPERTYNAME	MEDIATEX...	FILEPATH	INVALIDE
16499	here	Filler	123	null	0	null	0
16500	there	Filler	123	null	0	null	0
16501	everywhere	Filler	123	null	0	null	0
16503	hang glide	Filler	123	null	0	null	0
16504	win cases	Filler	123	null	0	null	0
16505	drive the bus	Filler	123	null	0	null	0
16498	Dummy pattern	Pattern	123	null	0	null	0
16502	She likes to	Pattern	123	null	0	null	0
3873	Hey.	Phrase	123	Audio	32269	Walmartwe...	1
3892	It's good meeting you.	Phrase	123	Audio	31931	Walmartwe...	1
3929	How's your family?	Phrase	123	Audio	32141	Walmartwe...	1
3939	Have a nice day.	Phrase	123	Audio	32167	Walmartwe...	1

See Ignored Results

Ignore

Print

Fig. 13

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

14 / 46

File Tools Window Debug

17-Example Tagger

File Help

(ConceptName=work)

Search

Selected Concept: Introduce Yourself

- ☐ Discussing Plans
- ☐ Helping a Caller
- ☐ Introduce Yourself
- ☐ Introducing Someone Else
- ☐ Making an Appointment
- ☐ Meeting a Friend
- ☐ Meeting an Acquaintance
- ☐ Receiving a Phone Call
- ☐ Talking about a City

Examples:

A	I work in an office.
A	Farmers work on a farm.
A	Child adoptions require social work.
A	I work with my coworker.
A	He can't work when he's sick.
A	It's hard to work and go to school.
A	I used to work for this bakery outside of campus, and it just was hard.
A	I go to work at 8:30.
A	I work until 3:30 tomorrow.
A	I work at the post office.
A	I work on a farm.
A	I work on a farm.
A	I work at the post office.
A	I work at a bank.
A	I work at a bank.
A	Where do you work?

Fig. 14

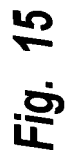


Fig. 15

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

16 / 46

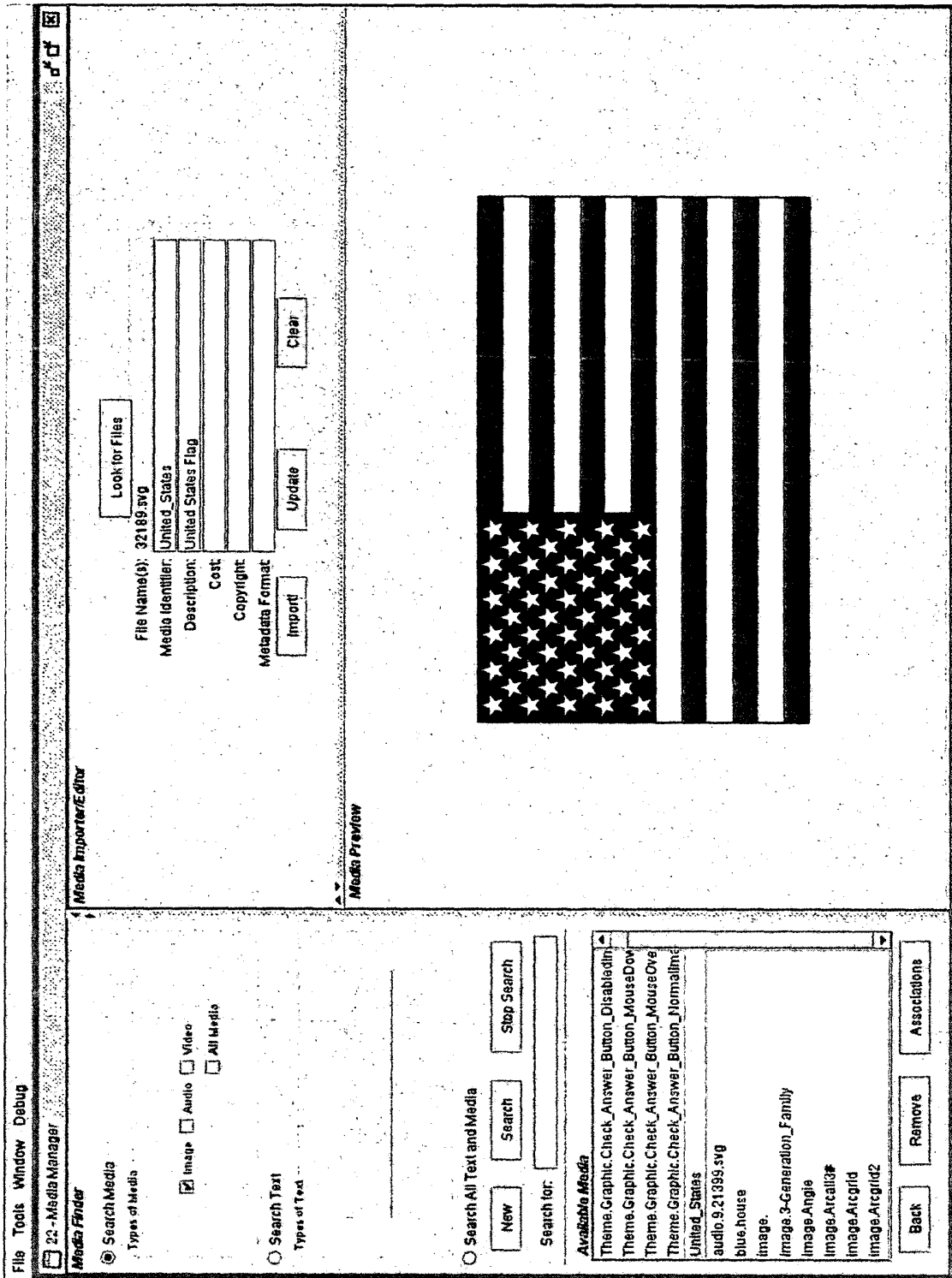


Fig. 16

Fig. 17

Fig. 17

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

18 / 46

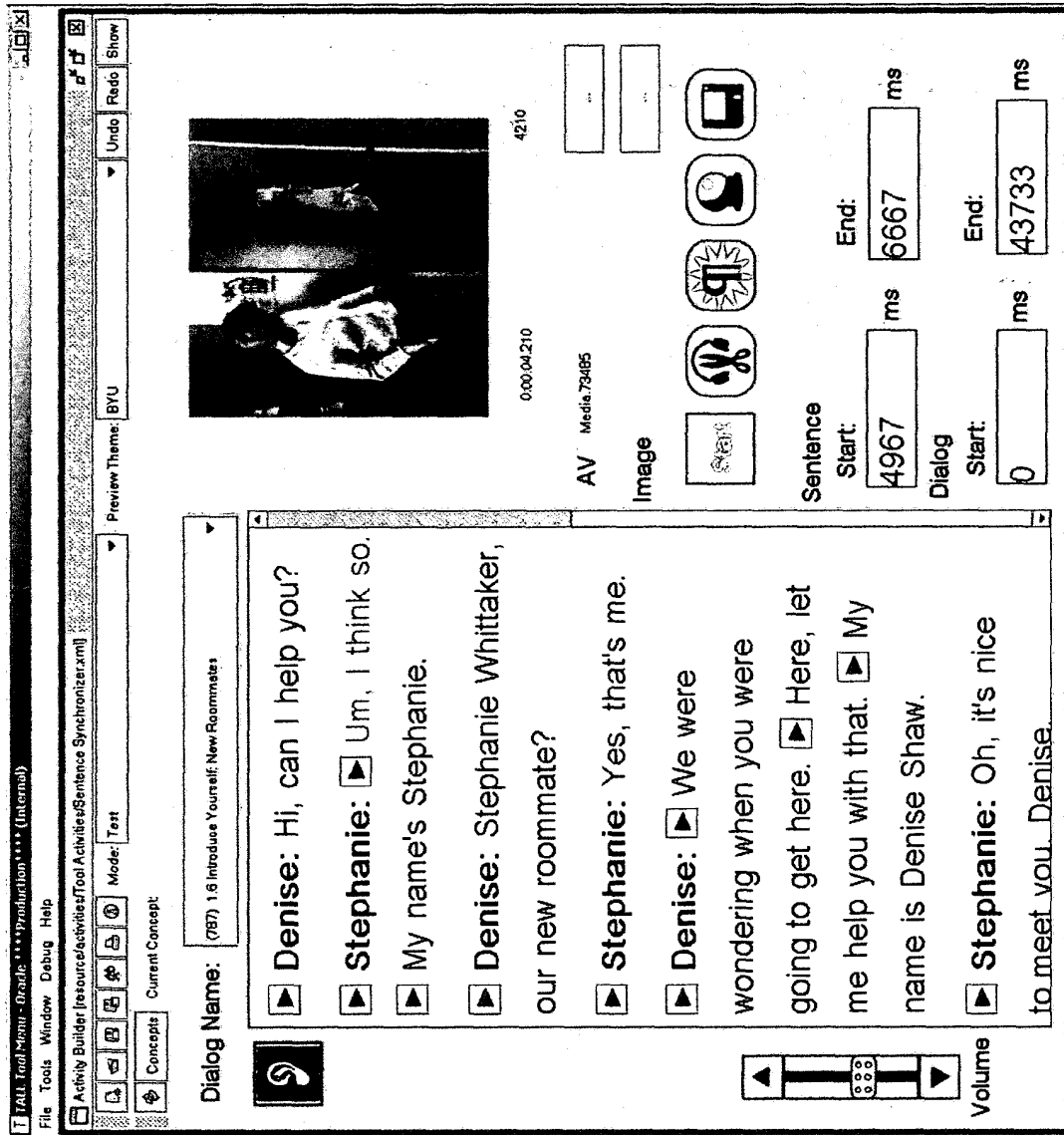


Fig. 18

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

19 / 46

1 - Text Importer Tool

New Words:

Words with multiple tags:

Words You May Want to Combine:

Show All Words

Select Text Format:

☒ Dialog

☐ Narration

☐ Individual Sentences

☐ Phrases

☐ Word Groups

Select Concept Type:

Listening

Select File to be Imported:

X:\Implementation\Lessons\Minidialogs\

Browse

Punctuation

Language: English

☒ Template ☐ Case Sensitive ☒ Unicode

Test Import

Cancel

Fig. 19

20 / 46

File

Tools

Window

Debug

16 - Text Importer Tool

New Words:

P154 (6,11) They

P154 (21,26) you?"

P155 (1,4) They

P156 (16,19) you?"

P156 (1,4) They

P156 (16,19) you?"

P157 (1,4) They

P157 (16,19) you?"

Words with multiple tags:

P151 (7,10) time

P151 (12,12) I

P151 (14,16) see

P151 (18,20) you

P152 (7,10) time

P152 (12,12) I

P152 (14,16) see

P152 (18,20) you

Words You May Want to Combine:

Speaker:

P2S1

Speaker:

P3S1

Speaker:

P4S1

Speaker:

P6S1

Speaker:

P6S1

Speaker:

P7S1

Speaker:

P8S1

Speaker:

P9S1

Speaker:

P10S1

Speaker:

P11S1

Speaker:

P12S1

Speaker:

P13S1

P13S2

P13S3

P13S4

P13S5

P13S6

P13S7

P13S8

P13S9

P13S10

P13S11

P13S12

P13S13

P13S14

P13S15

P13S16

P13S17

P13S18

Singer 2

You turned and smiled sweetly and said, "My name is Marilee."

Singer 3

"My name is Marilee."

Singer 2

And then you said, "And you are?"

Singer 3

"And you are?"

Singer 2

And I said, "I'm Johnny B."

Singer 2

You turned and smiled sweetly and said, "My name is Marilee."

Singer 3

"My name is Marilee."

Singer 2

And then you said, "And you are?"

Singer 3

"And you are?"

Singer 2

And I said, "I'm Johnny B."

Singer 3

"It's nice to meet you."

Singer 1

I thought I'd ask her more some day

P13S2

As she walked away.

P13S3

And now that I've found her,

P13S4

I know there's a way.

P13S5

I thought I'd ask her more someday

P13S6

As she walked away.

P13S7

And now that I've found her,

P13S8

I know there's a way.

P13S9

I said, "Hey, how are you?"

P13S10

"I'm fine, thanks, and you?"

P13S11

"And what was your name?"

P13S12

"Hey, how are you?"

P13S13

"I'm fine, thanks, and you?"

P13S14

"Tell me, what was your name?"

P13S15

"Hey, how are you?"

P13S16

"I'm fine, thanks, and you?"

P13S17

"Tell me, what was your name?"

P13S18

"Hey, how are you?"

Import...

Show All Words

Save

About

Fig. 20

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

21 / 46

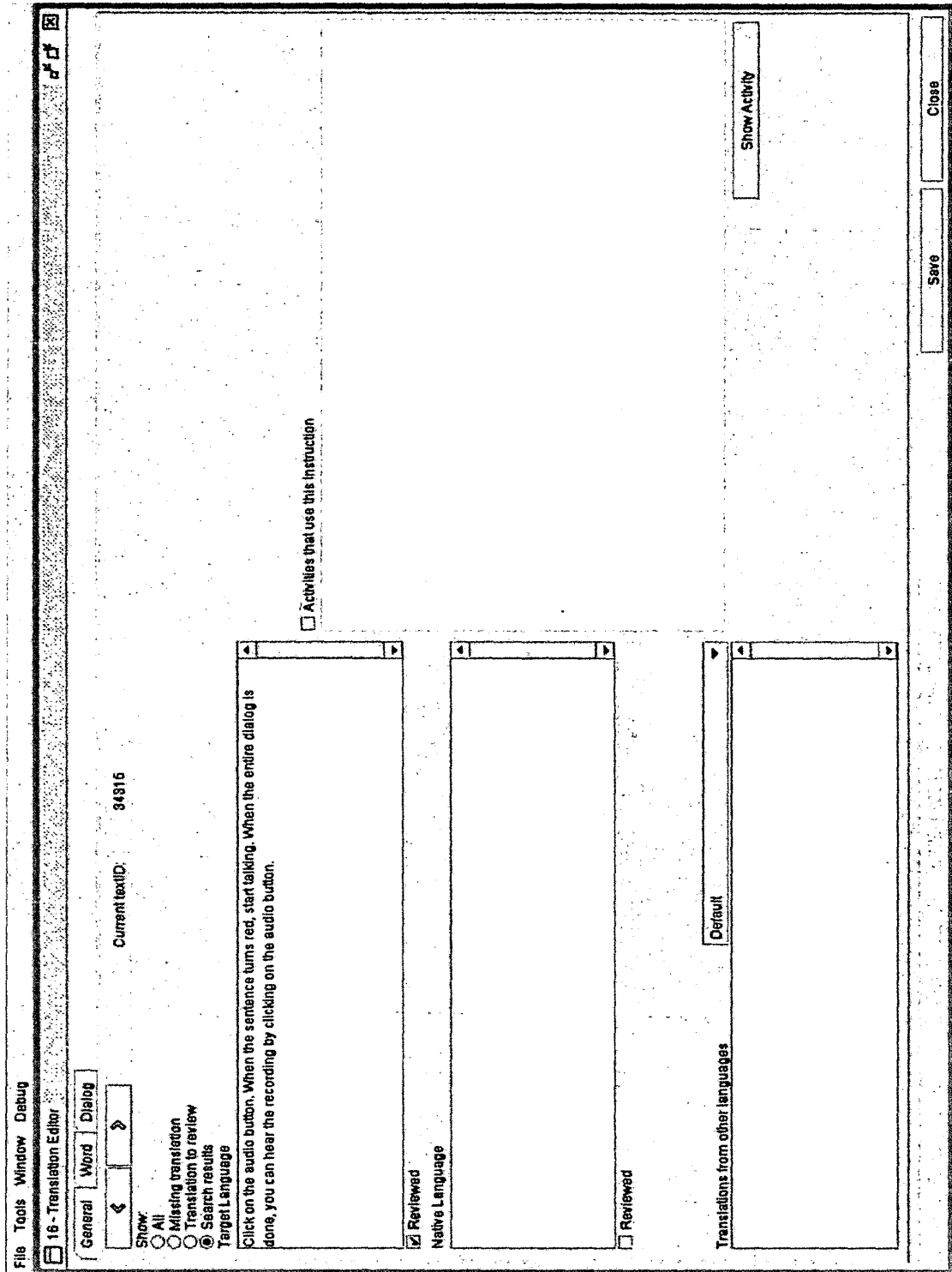


Fig. 21

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

22 / 46

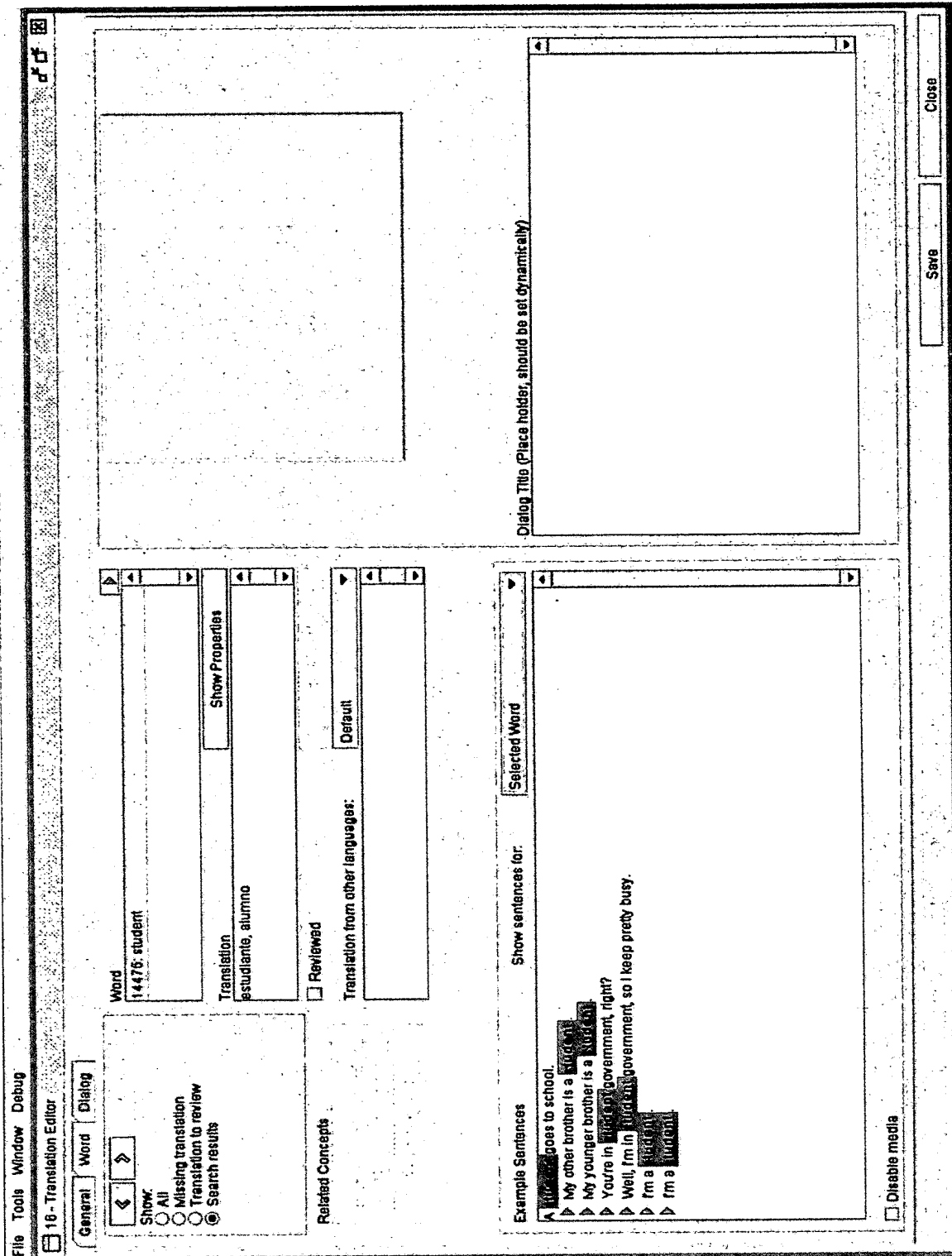


Fig. 22

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

23 / 46

File Tools Window Debug

18 - Translation Editor

General Word Dialog

Show: ☒ All ☐ Missing translation ☐ Translation to review

Current Dialog TextID: 21031

Search

Dialog Title: Talking about a Spouse and Children

Speaker: 21032: Lisa 21034: Jared

Dialog Title Translation: Hablar acerca del esposo y los hijos

Speaker Translation: 21032: Lisa 21034: Jared

Current Speaker: Lisa

Sentences:

21033: Are you married?
21035: Yes.
21036: Do you have any kids?
21037: I have two, a boy and a girl.
21038: What are their names?
21039: Josh and April.
21040: How old are they?
21041: Josh is ten.
21042: He is in fifth grade.
21043: He likes to play sports.
21044: April is eight.
21045: She's in third grade.
21046: She likes to draw.

Sentences Translations:

21033: ¿Estás casado?
21035: Sí.
21036: ¿Tienes hijos?
21037: Tengo dos - un niño y una niña.
21038: ¿Cómo se llaman?
21039: Josh y April.
21040: ¿Qué edad tienen?
21041: Josh tiene diez.
21042: Está en quinto grado.
21043: Le gusta hacer deportes.
21044: April tiene ocho.
21045: Está en tercer grado.
21046: Le gusta dibujar.

☐ Dialog reviewed ☐ Translation reviewed

Save Close

Fig. 23

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

24 / 46

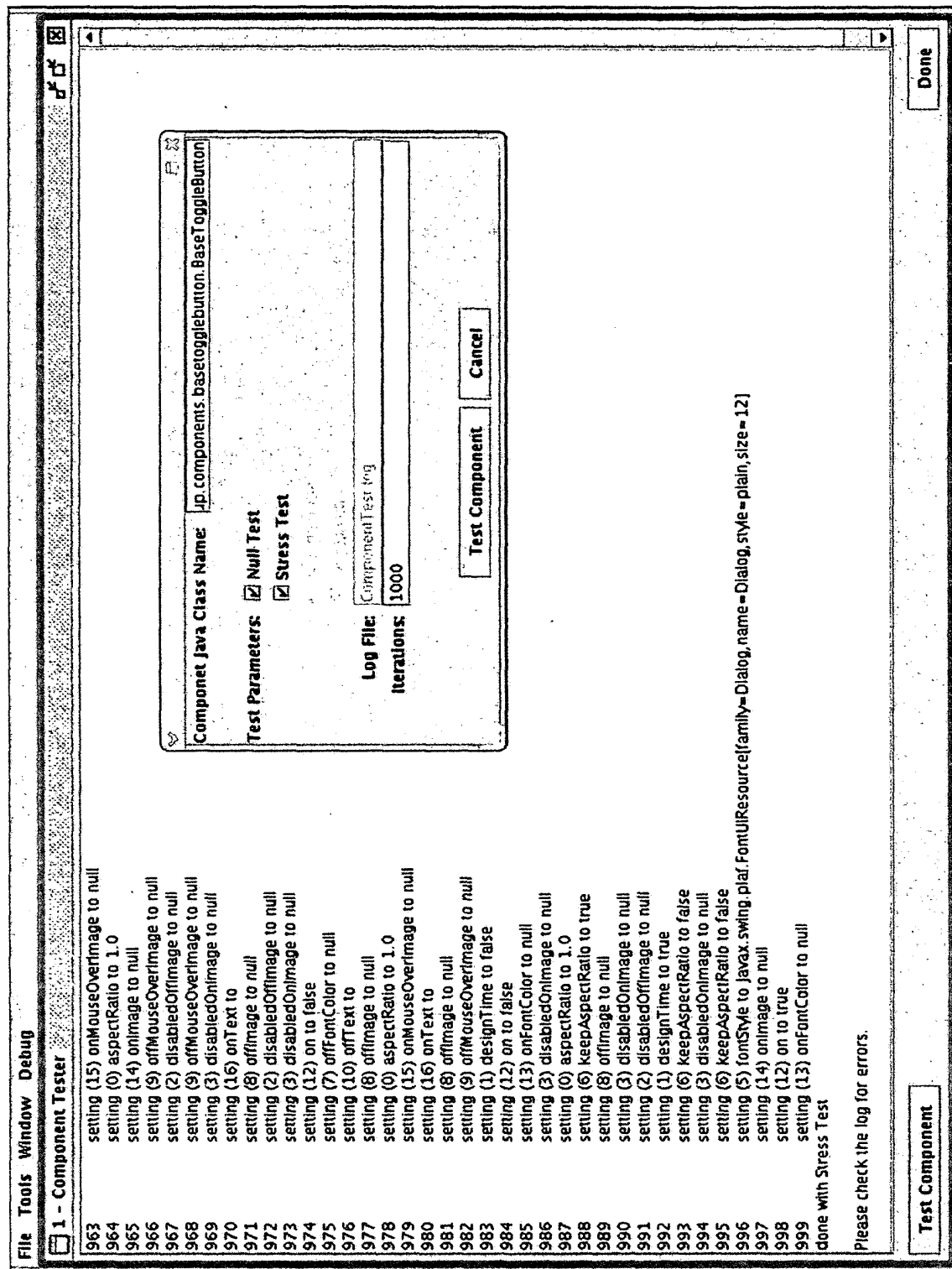


Fig. 24

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

25 / 46

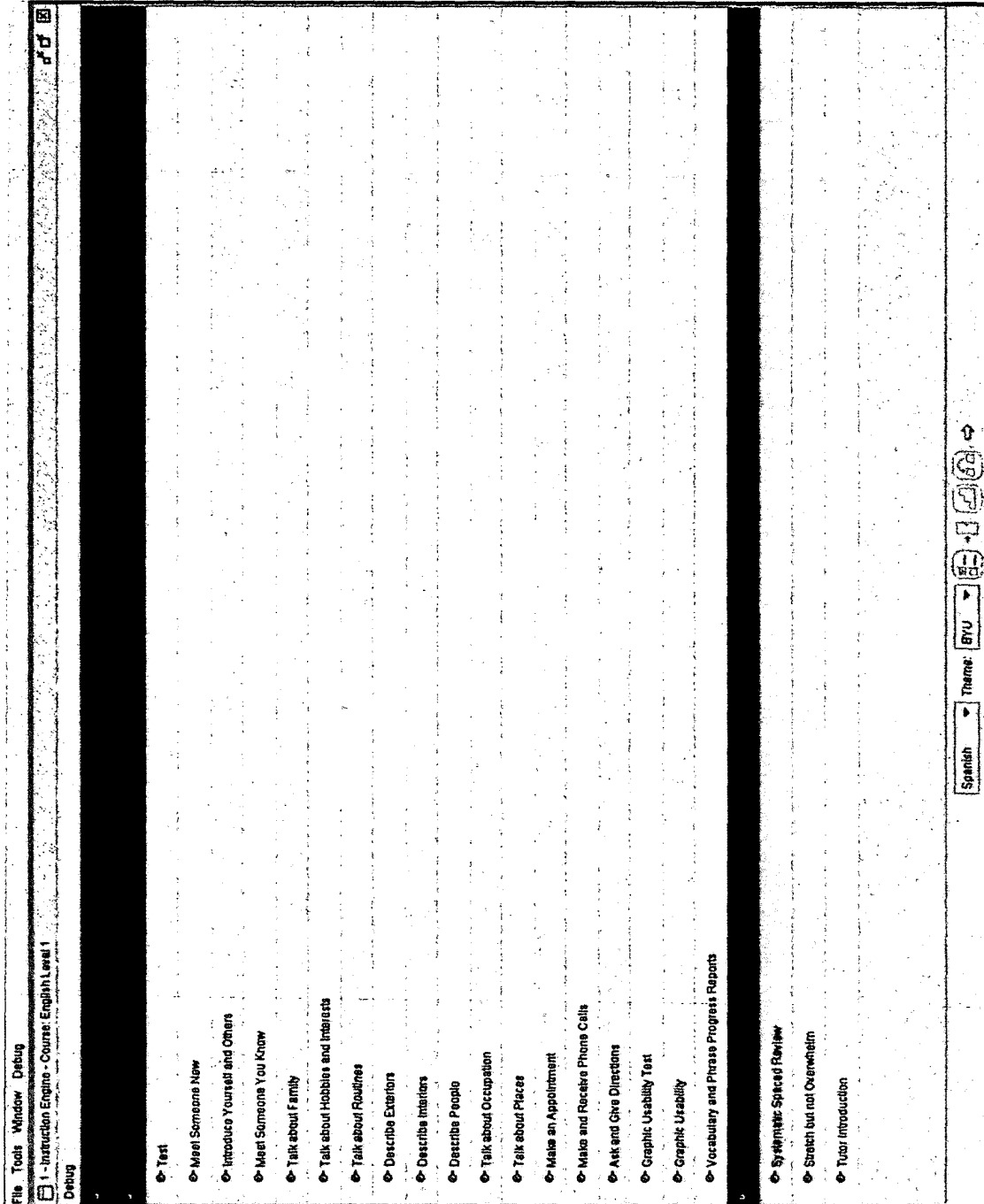


Fig. 25

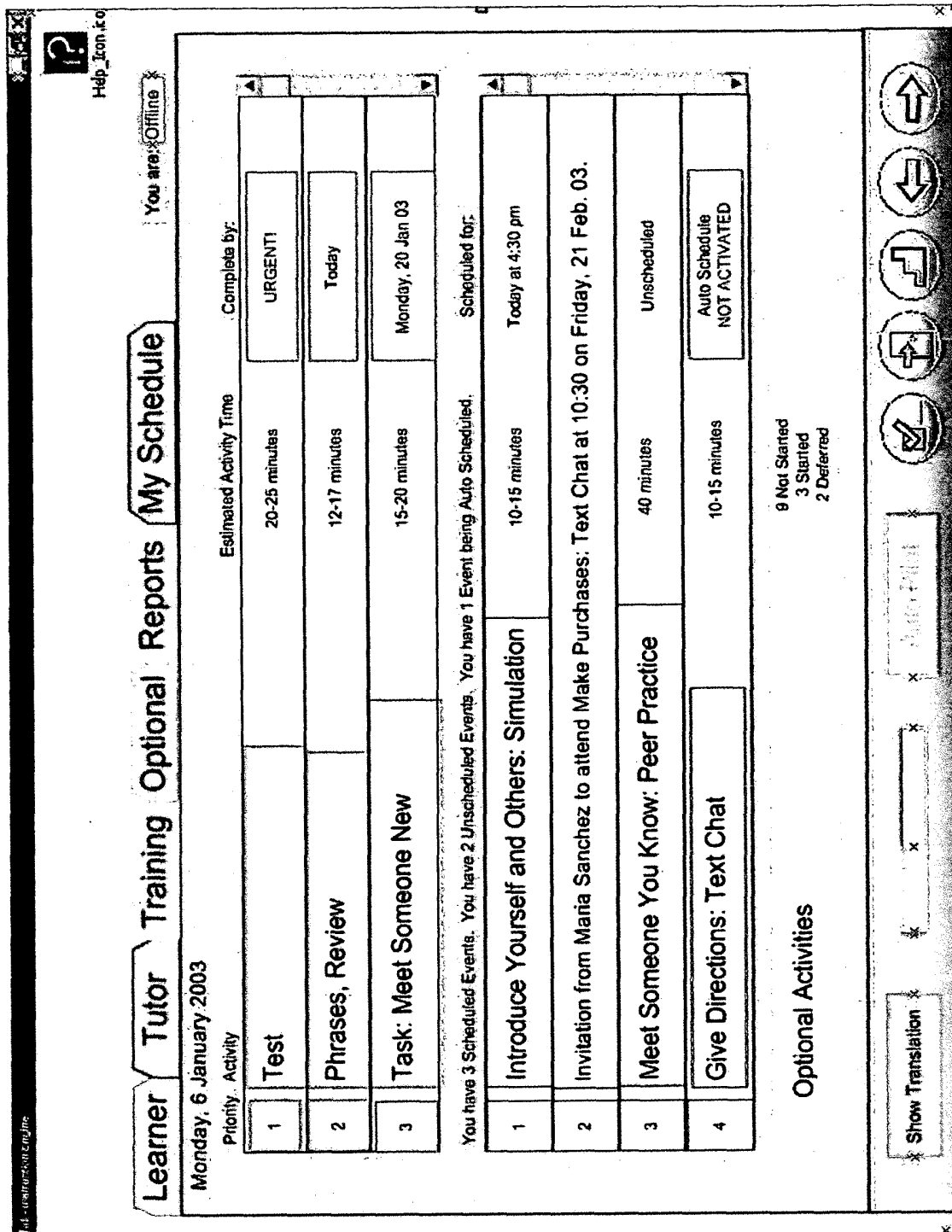


Fig. 26

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

27 / 46

Learner Guidance System > Progress > Progress > Task View > non-expanded view

Help (F6) ?

Expanded View

Progress Report

Tasks	Progress to Mastery	Additional Activities	Time Estimation
<input checked="" type="checkbox"/> Make a Phone Call	100%		Completed
<input checked="" type="checkbox"/> Purchase Clothes	70%		7-12 Hours
<input checked="" type="checkbox"/> Order Food in a Restaurant	70%		5-7 Hours
<input checked="" type="checkbox"/> Purchase Bus Tickets	80%		2-3 Hours
<input checked="" type="checkbox"/> Express Gratitude	70%		5-8 Hours
<input checked="" type="checkbox"/> Interviews	65%		8-10 Hours
<input checked="" type="checkbox"/> Conduct an Interview	1%		20-27 Hours
<input type="checkbox"/> Ask Questions about Prev...			1 Week/Dialogue
<input type="checkbox"/> Become Acquainted I			5 Days/Dialogue
<input type="checkbox"/> Become Acquainted II			1 1/2 Weeks/Dialogue
<input type="checkbox"/> Discuss Plans for a Hostile Tak...			1 1/2 Weeks/Dialogue
<input type="checkbox"/> Introduce New Employees			2 Weeks/Dialogue
<input type="checkbox"/> Congratulate Someone			1 Week/Dialogue
<input type="checkbox"/> Vocabulary			
<input type="checkbox"/> Phrases			
<input type="checkbox"/> Grammar			
<input type="checkbox"/> Writing			
<input type="checkbox"/> Grammar			

Show Translation

Navigation icons: Up, Down, Home, Previous, Next, Search, etc.

Fig. 27

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

28 / 46

File Tools Window Debug

24 - UserManager

Currently editing: Roberto Suihl User ID: 100

All Properties

Property	Value
Person.Activity.ConceptName.Visible	true
Person.Activity.Data.Number.Value	0
Person.Activity.History.ElapsedTime	1048706013284
Person.Activity.History.EndTime	0
Person.Activity.History.NumberOfResponses	1048267121865
Person.Activity.History.StartTime	false
Person.Activity.ListeningTraining.Completed	true
Person.Activity.Translation.Visible	1.6
Person.AverageVocabularyCorrectAnswerTime	22.0
Person.Basics.Age	Roberto Suihl
Person.Basics.ExperimentID	
Person.Basics.Gender	
Person.Basics.Name	
Person.Basics.Nationality	
Person.Basics.NativeLanguage	2.0
Person.Basics.TargetLanguage	1.0
Person.Basics.UserImage	Media.1002
Person.Basics.UserType	0.0
Person.Concept.Experimental.DelayBetweenReviews	0.0
Person.Concept.PercentCorrect	0.0
Person.Concept.TimesCorrect	0.0
Person.Concept.TotalNumberOfActivitiesDone	26.0
Person.Concept.TotalTimeReviewed	0.0
Person.Experimental.Horizontal	0.0
Person.Experimental.Size	0.0
Person.Experimental.Vertical	0.0
Person.History.HappyDays	
Person.History.IQ	160.0
Person.History.LoginTime	1048268682631
Person.History.LogoutTime	1048267471688

Users

- ☐ Amber Eddy
- ☐ April Rosenthal
- ☐ Ashley Mackay
- ☐ Belbel Zhu
- ☐ Blanca Leon
- ☐ Brandon Dayton
- ☐ Catherine Ealinget
- ☐ Charles Gray
- ☐ Chat Tutor
- ☐ Corina Perla
- ☐ Dale Rowley
- ☐ Dan Rowe
- ☐ Dan Wheeler
- ☐ David Johansen
- ☐ David Salinas
- ☐ Doug Mumford
- ☐ Eric Hunter
- ☐ Gianfranco Leon
- ☐ HoYung Ng
- ☐ Ivy Ip
- ☐ Jared Garrett
- ☐ Jason Liptak
- ☐ Jeff Barlow
- ☐ Jeff Hansen
- ☐ Jeff Whiting
- ☐ Jeremy Hanna
- ☐ Jon Nielson
- ☐ Joseph South
- ☐ Josh Call
- ☐ Josh Proulx
- ☐ Katy Cao
- ☐ Kent Parry
- ☐ Laura Morales
- ☐ Mandalena Lador

Fig. 28

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

29 / 46

TALL Tool Menu - Grade (192.168.1.34:521tailib)

File Tools Window Debug Help

3 - ObjectManager

Object Properties Objects

ActivityInstance
Location
AdaptivePath
Person

Activity.ConceptGraphicVisible
Activity.ConceptNameVisible
Activity.ConceptTranslationVisible
Activity.Data.NumberValue
Activity.History.ElapsedTime
Activity.History.EndTime
Activity.History.StartTime
Activity.ListeningTrainingCompleted
Activity.MoveOn
Activity.MoveOn2
Activity.MoveOn3
Activity.MoveOn4
Activity.NumberOfAttempts
Activity.NumberQuestionsAnsweredCorrect
Activity.NumberQuestionsAttempted
Activity.NumberQuestionsCorrectInARow
Activity.NumberQuestionsWrongInARow
Activity.SpeakingSample
Activity.TranslationVisible
AverageVocabularyCorrectAnswerTime
Basics.ExperimentID
Basics.UserImage
Concept.AlreadyKnow
Concept.CumulativeResponseTime
Concept.Data.Response
Concept.History.ElapsedTime

Property Name: 34807 Basics.UserImage

Property Definition: Tall Image Default Value Media 59912

Restrict values by:
☐ Range
☐ Possible Values List
☒ No restrictions

Objects With Property
☒ Person
☐ TALL Group
☐ STAGEMARKER
☐ TALL ROLE
☐ Scenario
☐ AdaptivePath
☐ Location
☐ Activity Instance
☐ Layout

Property Description: The value for this property is the user's photo. The photo should have an aspect ratio of 2:3 in order to be displayed correctly in tools and activities.

Person Property Characteristics
 What is this person property related to?
☐ Activity
☐ Concept
☒ Nothing
☐ This property needs to be recorded over time.

Ready

Fig. 29

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

30 / 46

TALL Tool Menu - Grade: (192,168,1,3:1521ralldib)

File Tools Window Debug Help

4 - ObjectManager

Object Properties Objects

Name: Robert Sweeney ID: 360

Property	Value
Person.Activity.History.NumberOfResponses	0
Person.Basics.Age	22.0
Person.Basics.Gender	Male
Person.Basics.GivenName	Robert Paul
Person.Basics.Name	Robert Sweeney
Person.Basics.Nationality	
Person.Basics.NativeLanguage	2.0
Person.Basics.Surname	Sweeney
Person.Basics.TargetLanguage	1.0
Person.Basics.Theme	0
Person.Basics.TimeUSA	
Person.Basics.UserType	0.0
Person.Concept.Comments	
Person.Concept.ExperimentalDelayBetweenReviews	0.0
Person.Concept.PercentCorrect	0.0
Person.Concept.TimesCorrect	0.0
Person.Concept.TotalNumberOfActivitiesDone	0.0
Person.Concept.TotalTimeReviewed	0.0
VocabularyResponseSampleCounter	0.0
newproperty	

Object Properties Objects

- ☐ Michael Kenyon
- ☐ Mike Insalaco
- ☐ Peer 1
- ☐ Peer 2
- ☐ Person 1000
- ☐ Person 1021
- ☐ Person 1023
- ☐ Person 180
- ☐ Person 322
- ☐ Person 460
- ☐ Person 461
- ☐ Person 640
- ☐ Person 660
- ☐ Person 681
- ☐ Person 701
- ☐ Person 760
- ☐ Person 960
- ☐ Peter Williams
- ☐ Raelynn Williams
- ☐ Robert Sweeney
- ☐ Shannon Leavitt
- ☐ Sherrie Spencer
- ☐ Stacy Phipps
- ☐ Steve Evans
- ☐ TALL008
- ☐ taldeveloper
- ☐ Test Reg
- ☐ Thomas Packer
- ☐ Todd Barlow

Loading Person 360 from the database... Done.

Fig. 30

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

31 / 46

TALL Tool Menu - Oracle (192.168.1.3:1521:talldb)


File Tools Window Debug Help


2 - Group Manager

File

Assign Experiment Disable User

Robert Sweeney
Role: Supervisor
User ID: 360
Group: Technical Development





Property	Value
Person	
AverageVocabularyCorrectAnswerTime	1.5
Basics	
Age	22.0
ExperimentID	
Gender	Male
GivenName	Robert Paul
Name	Robert Sweeney
Nationality	
NativeLanguage	2.0
Surname	Sweeney
TargetLanguage	1.0
Theme	0
TimeUSA	
UserImage	Image lodd_wilson
UserType	0.0
Experimental	
Group	Technical Development [44]
History	

Robert Sweeney

TALL

- Learners
- Human Resources
- Technical Development
 - Technical Support
 - Programmers
 - Testers
 - Robert Sweeney
 - 1023(Missing Name)
- Content Development
- New Users
 - Kent Parry
 - Todd Wilson
 - taldeveloper

Fig. 31

Storyboard of Remote Document Feedback Program

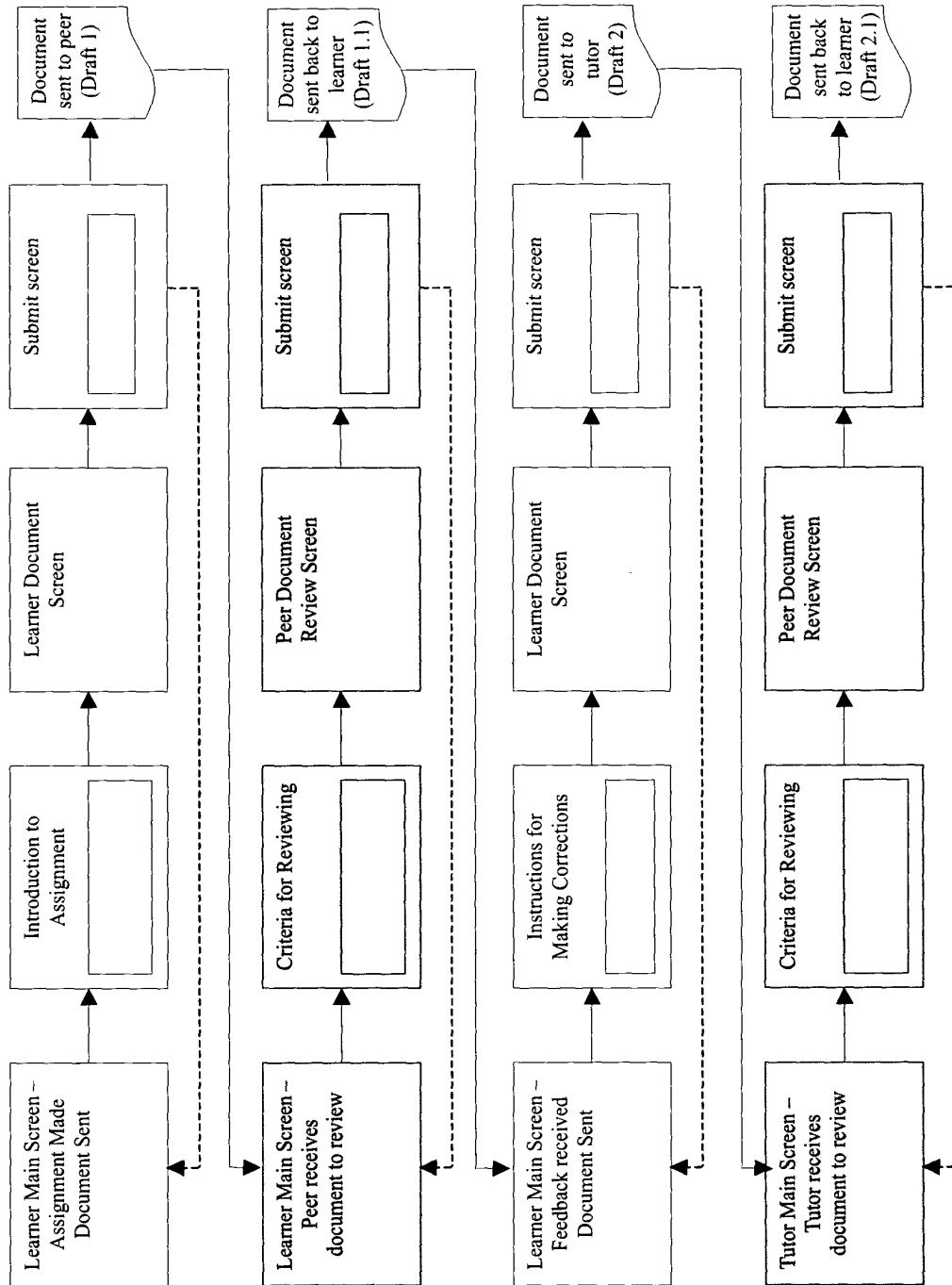


Fig. 32

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

33 / 46

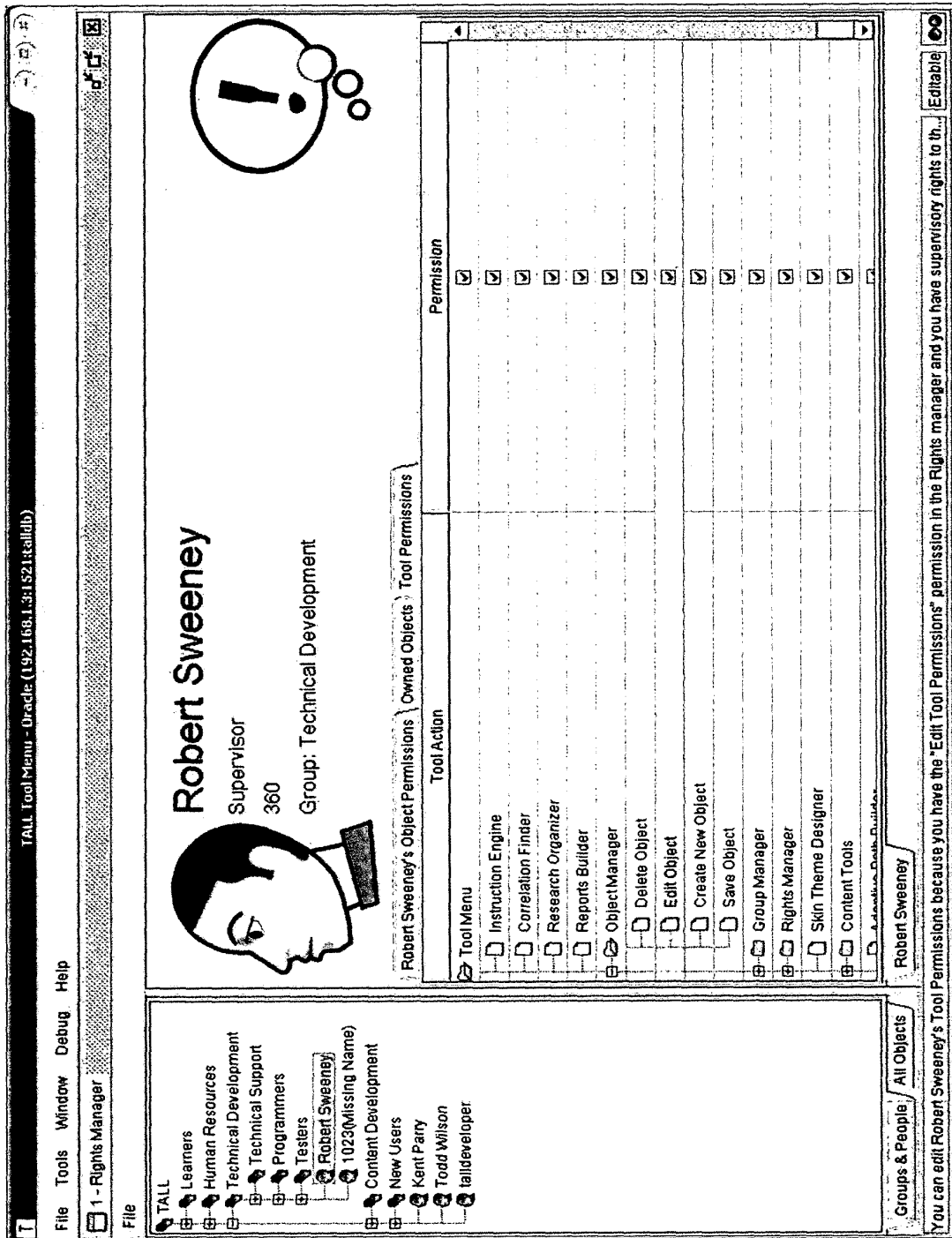


Fig. 33

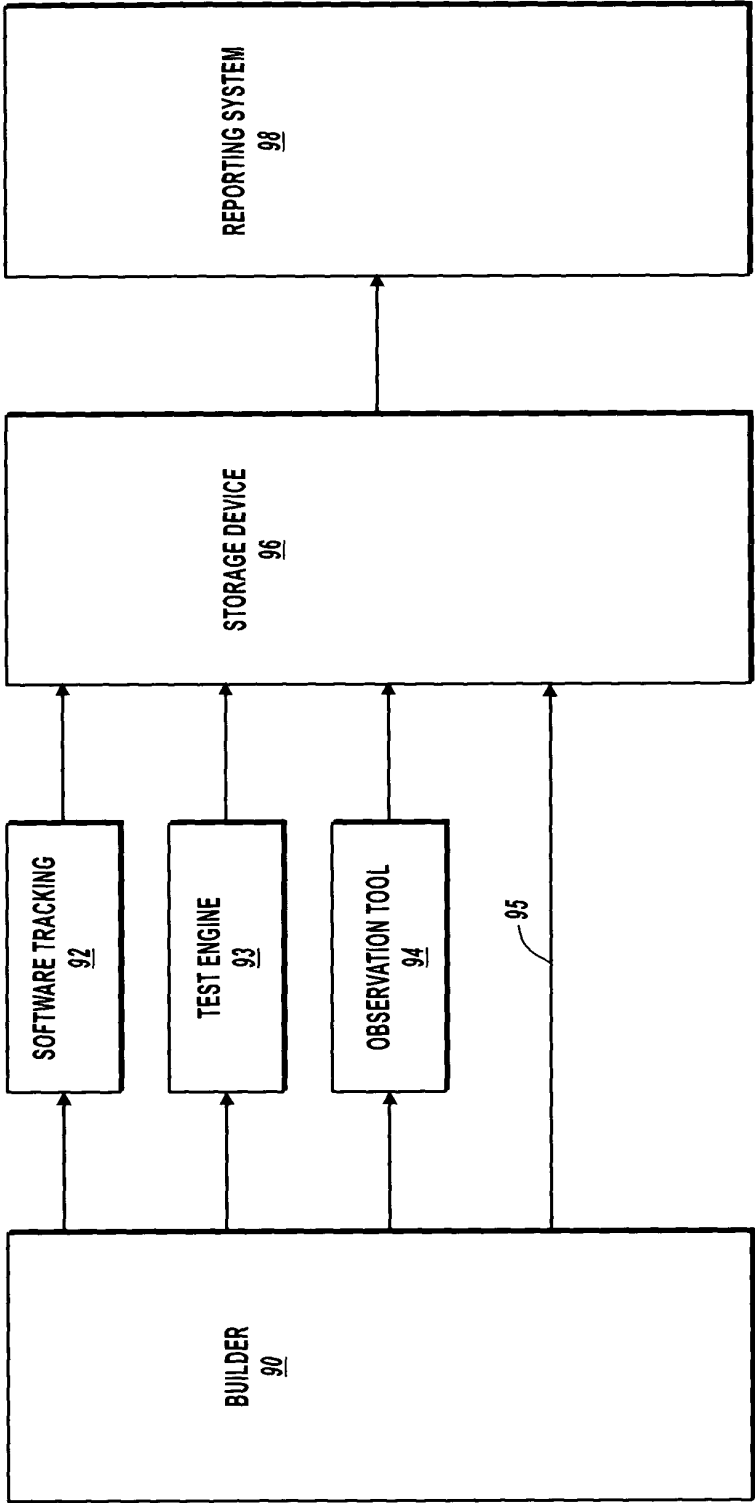


Fig. 34

35 / 46

Fig. 35

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

36 / 46

File Tools Window Debug			
From	<div> <div>this question</div> <div>each component</div> <div>each question</div> <div>this Outcome</div> <div>this Critical Feature</div> <div>this component</div> <div>this question</div> </div>	<div> <div>missionaries</div> <div>teachers</div> <div>missionaries</div> </div>	<div> <div>3</div> <div>all</div> <div>1</div> <div>...</div> <div>...</div> <div>10</div> </div>
	<div> <div>sequential</div> <div>random</div> <div>sequential</div> </div>	<div> <div>order</div> <div>at the end of</div> <div>at the beginning of</div> <div>in the middle of</div> <div>at the end of</div> <div>when proctor-enabled</div> </div>	
every	<div> <div>4th</div> <div>single</div> <div>1st</div> <div>2nd</div> <div>3rd</div> <div>4th</div> <div>5th</div> <div>6th</div> <div>7th</div> <div>8th</div> <div>9th</div> <div>10th</div> </div>	<div> <div>Performance Check</div> <div>Day</div> <div>Week</div> <div>Month</div> <div>Log on</div> <div>Log off</div> <div>Morning Shift</div> <div>Afternoon Shift</div> <div>Evening Shift</div> <div>Grammar New</div> <div>Grammar Review</div> <div>Grammar Test</div> <div>Grammar Reference</div> <div>Phrases New</div> <div>Phrases Review</div> <div>Phrases Test</div> <div>Phrases Reference</div> <div>Vocabulary New</div> <div>Vocabulary Review</div> <div>Vocabulary Test</div> <div>Vocabulary Reference</div> <div>Tasks New</div> <div>Tasks Review</div> <div>Listening Comprehension New</div> <div>Listening Comprehension Test</div> <div>Sounds New</div> <div>Sounds Review</div> <div>Sounds Test</div> <div>Sounds Reference</div> <div>TA Grammar lesson</div> <div>TA Tasks lesson</div> <div>TA Discussions lesson</div> <div>Performance Check</div> </div>	<div> <div>date(s)</div> <div>day(s)</div> <div>week(s)</div> <div>duration of stay</div> <div>date(s)</div> </div>
	<div> <div>01/01/00</div> <div>through</div> <div>02/01/00</div> </div>		

Fig. 36

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

37 / 46

File Tools Window Debug			
From	this question	give	teacher
	each component each question this Outcome this Critical Feature this component this question		teachers missionaries
		3	items in
		all 1 ... 10	
			sequential
			random sequential
			order
			at the end of at the beginning of in the middle of at the end of when proctor-enabled
every	4th	Performance Check	through
	single 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th	Day Week Month Log on Log off Morning Shift Afternoon Shift Evening Shift TA Grammar lesson TA Tasks lesson TA Discussions lesson Performance Check	01/01/00
		date(s)	02/01/00
		day(s) week(s) duration of stay date(s)	

Fig. 37

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

38 / 46

File Tools Window Debug

From

every

during

through

Fig. 38

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

39 / 46

Selection Screen

General Categories | Additional Categories |

MTC: Provo

Director: Shane Littlefield

Language: Spanish

Supervisor: Nichols, Ryan

Teacher: Seale, Tania

Training Group: 02/05/00 - 568

MTC Stay: Currently in MTC

Missionary: Elder McReaken, Lon G.

Elder Calton, Christopher E.
Elder Cooper, York
Elder Gann, Jordan
Sister Hazen, Kristen
Elder Hendersen, Benjamin C.
Elder Judd, William
Elder Larsen, Micah
Elder McReaken, Lon C.
Elder Morgan, Mark
Sister Morgan, Elaine

AddDelete

Groups/Individuals to Report:

☒ All Spanish teachers/missionaries (1,256)

☒ Shane Littlefield's teachers/missionaries (844)

☒ Elder Coombs, Nick

☒ Sister Yorgason, Jen

☒ Standards

See Report

Fig. 39

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

40 / 46

Selection Screen

General Categories

Gender

☒ Both
☐ Male
☐ Female

Additional Categories

Couple vs. Single

☐ Both
☐ Couple
☒ Single

Type of Missionary

☐ All
☐ Welfare
☒ Proselyting
☐ Visitors' Center

Age

☒ All ☐ Young ☐ Senior

Enter age and/or ranges separated by commas: 19, 21-24, etc.

Groups/Individuals to Report:

All Spanish teachers/missionaries (1,256)

Shane Littlefield's teachers/missionaries (844)

Elder Coombs, Nick

Sister Yorgason, Jen

Standards

See Report

Fig. 40

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

41 / 46

CRITICAL FEATURES

Speak Your Language
USE what you know

Language elements
TRY first in the language
ASK permission
FIND OUT how
WRITE it down
DO something more

Grammar
Performance Checks
Teaching Discussions

OUTCOMES

Proselyting Principles and Skills

1-Balanced effort
2-Threefold mission of church
3-Missionary success
4-Appoved areas of emphasis
5-E nsure close relationships
6-etc.

MLPT
MPS

Question Name

Language elements

☒ Enabled

Complete Name
Do everything you can to use the language elements (vocabulary, phrases, and grammar)

Frequency/Group

☐ Use parent frequency ☒ Use parent group

New Frequency New Group

From this question, give 3 items (at a time) in sequential order at the end of every 4th TA Performance Check

Provo MTC, Spanish-speaking missionaries

Default Chart Type for Report

Single Instance Horizontal Bar Chart
Single Group Pie Chart
Multiple Groups Line Graph

Access

☒ Administrators
☒ Supervisors
☒ Teachers
☒ Missionaries

Data Should Be

☒ Summed
☐ Averaged

Chart Values

☐ Units and Range ☒ Axis Labels

Unit of Measure

Maximum

Minimum

Value Label

1 All or almost all memorized
2 Mostly memorized
3 Mostly spontaneous
4 All or almost all spontaneous

Standards

☒ Language Dependent

Ideal	Minimum	Language
5.5	4.5	Spanish
4.25	3.8	Japanese
5.3	4.3	Portuguese
5.3	4.3	Russian
5.3	4.3	French

Frequency Statistics

Define Items

New

Delete

Fig. 41

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

42 / 46

CRITICAL FEATURES Speak Your Language USE what you know Language elements TRY first in the language ASK permission FIND OUT how WRITE it down DO something more Grammar Performance Checks Teaching Discussions	OUTCOMES Proselyting Principles and Skills 1-Balanced effort 2-Threefold mission of church 3-Missionary success 4-Applied areas of emphasis 5-Ensure close relationships 6-etc. MLPT MPS
Item Name Data Source Format	% of time speaking the language Tests/Questionnaires Multiple Choice
<input checked="" type="checkbox"/> Enabled Browse Formats	
Frequency Statistics	
New	Delete
Preview Item	

Fig. 42

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

43 / 46

File Tools Window Debug Help

TALL Tool Menu - Oracle (192.168.1.3:1521:talldb)

2 - Reports Builder
Reports Set Properties

Report Set: Vocabulary Report

Reports comparing: (Default) [Add New] [Delete] [Preview] [Compile]

Approved audience: (Default) [Edit]

All Users [Edit]

Reporting Schedule: Chart Time Range (Default) [Edit]

Absolute, from 03-07-2003 [Edit]

Define Standard Division Properties

Poor [Mid-level] [Good] [Edit]

Select Evaluation Item [Add New Item] [Delete Item]

Master Node [Sample Item] [Words Mastered]

Words Mastered Properties

Description: Total Number of Words Mastered

Reports comparing: (Default) [Add Chart] [Delete]

Approved audience: (Default) [Use default]

Select Measurement Variable: [Use default]

History Mastered/Vocabulary [Select]

Currently selected chart: New

Chart Properties

Chart Type: Bar [New] [Label] [Label]

Chart Title: [Label]

X Axis Label: [Label]

Y Axis Label: [Label]

Chart Time Range: [Use default]

Y Axis Type: ☐ Automatic ☒ Show standard ☐ Normative

Standard Division: 0.0 100.0 200.0 300.0 400.0 500.0 600.0 700.0 800.0 900.0 1000.0

☒ One direction ☐ Two directions

Advanced

Fig. 43

Fig. 44

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

45 / 46

TALL

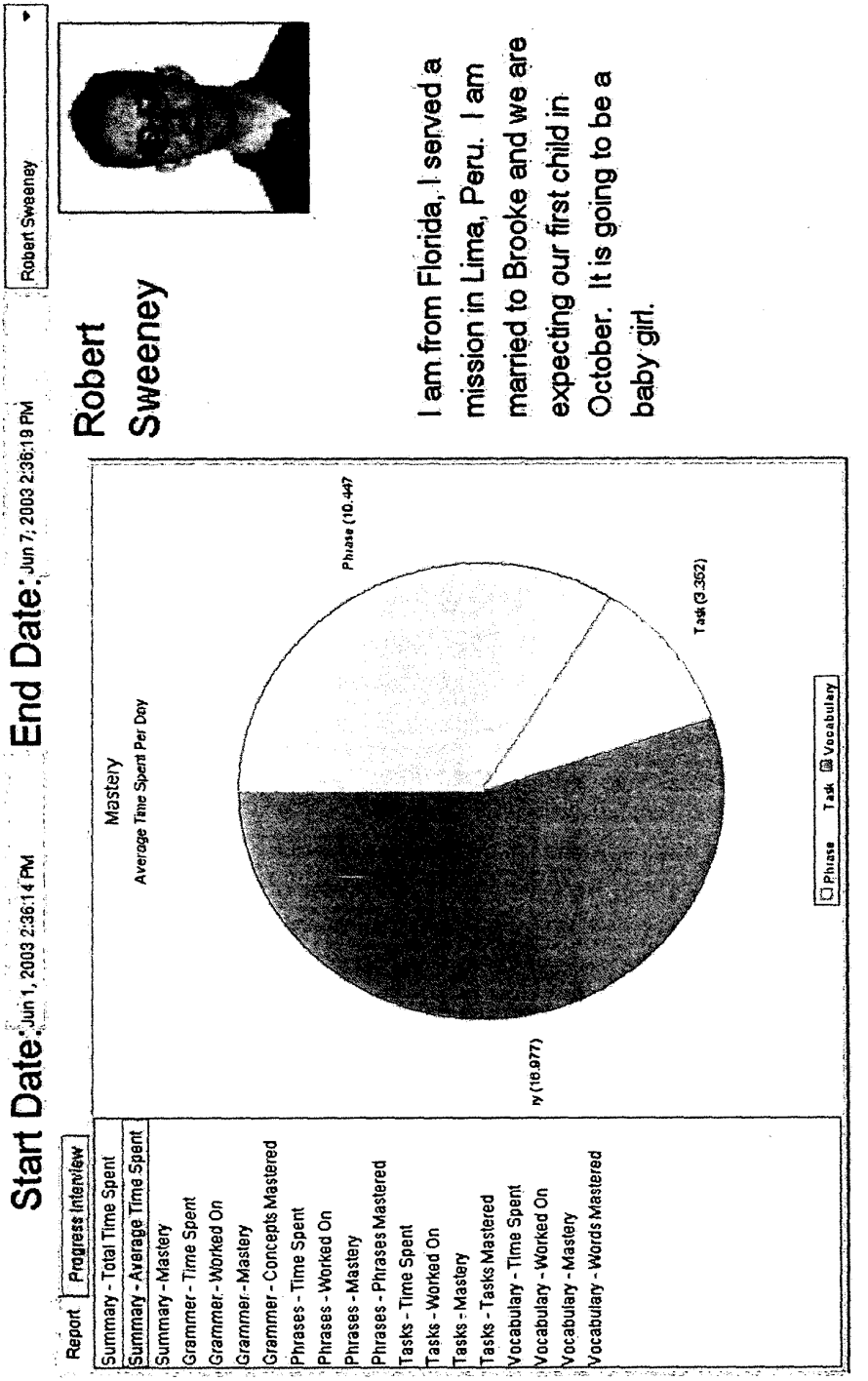


Fig. 45

Title: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC
CONTINUAL IMPROVEMENT EDUCATIONAL ENVIRONMENT

Inventors: C. Bret Elzinga, et al.

Docket No.: 6922.34

46 / 46

File Tools Window Debug

20 - Research Organizer

Study Finder

Title	Start Date
Learner Covariate Interaction	18-Mar-2003
Learner Factorial	18-Mar-2003
Learner	18-Mar-2003
Learner Control	18-Mar-2003
Learner Control No Covariates	18-Mar-2003
Learner No Covariates	18-Mar-2003
Treatment Concept No Covariates	20-Apr-2003
Testing Experiment Designer	11-Mar-2003

Research Study

Meta-data Data set Results Interpretation

Title: Learner Covariate Interaction

Author: Raelynn Williams

Start Date: 18-Mar-2003

Stop Date: 19-Mar-2003

Purpose: Test RO with a learner treatment study having a covariate interaction and 2 responses.

Learning Contexts: True

Other Researchers: None

Define Experimental Factors Using Core Tools: Yes

Experimental Unit: Learner

Learner Experience : Future Users

Maximum Number of Learners in Experiment: 0

Type of Study: Treatment Comparison

Factors: Experimental Size

Control Treatment: None

Covariates: Learner, Materials

Add Study Delete Study

Fig. 46